

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000741

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/52 A61K38/18 C07K7/06 C07K7/08 C07K14/435  
A61K39/00 A61K48/00 A61K39/385 A61K38/19

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, BIOSIS, WPI Data, EMBASE, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/097044 A (WONG ALBERT J ; UNIV JEFFERSON (US)) 5 December 2002 (2002-12-05) page 2 - page 38; claims 27,29,34; examples 1-8	1-64
Y	WO 03/015812 A (NIELSEN KLAUS GREGORIUS ; KOEFOED PETER (DK); PHARMEXA AS (DK); JENSEN) 27 February 2003 (2003-02-27) the whole document	1-64
Y	WO 02/11759 A (NEOVACS ; ZAGURY DANIEL (FR); BIZZINI BERNARD (FR); LE BUANECE HELENE () 14 February 2002 (2002-02-14) the whole document	1-64
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

04 05 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Gruber, A

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000741

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WEI Y-Q ET AL: "Immunogene therapy of tumors with vaccine based on Xenopus homologous vascular endothelial growth factor as a model antigen" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 98, no. 20, 25 September 2001 (2001-09-25), pages 11545-11550, XP002248645 ISSN: 0027-8424 the whole document	1-64
A	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31) -& JP 08 225462 A (TOAGOSEI CO LTD), 3 September 1996 (1996-09-03) the whole document	1-64
A	----- PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04, 31 March 1998 (1998-03-31) -& JP 09 316000 A (TOAGOSEI CO LTD), 9 December 1997 (1997-12-09) the whole document	1-64
A	----- WO 86/07383 A (BIOTECH RES PARTNERS LTD) 18 December 1986 (1986-12-18) cited in the application the whole document	1-64
A	----- FERRARA NAPOLEONE: "VEGF and the quest for tumour angiogenesis factors." NATURE REVIEWS CANCER, vol. 2, no. 10, October 2002 (2002-10), pages 795-803, XP008041530 ISSN: 1474-175X the whole document -----	1-64

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/DK2004/000741

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Although claims 1-37 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.**
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

**see additional sheet**

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
**1-64 (partially)**

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-64 (all partially)

Method to downregulate VEGF, compositions, vector, transformed cells all based on VEGF-A isoform 121 (SEQ ID NO:5).

---

2. claims: claims 1-64 (all partially)

Method to downregulate VEGF, compositions, vector, transformed cells all based on VEGF-A isoform 165 (SEQ ID NO:4).

---

3. claims: 1-17,19-64 (all partially)

Method to downregulate VEGF, compositions, vector, transformed cells all based on a VEGF protein other than VEGF-A isoform 121 (SEQ ID NO:5) or VEGF-A isoform 165 (SEQ ID NO:4).

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000741

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02097044	A	05-12-2002	CA 2448109 A1	05-12-2002
			CN 1511040 A	07-07-2004
			EP 1401472 A2	31-03-2004
			WO 02097044 A2	05-12-2002
			US 2003069181 A1	10-04-2003
-----				
WO 03015812	A	27-02-2003	BR 0212047 A	17-08-2004
			CA 2440197 A1	29-08-2002
			CA 2457140 A1	27-02-2004
			WO 02066056 A2	29-08-2002
			WO 03015812 A2	27-02-2003
			EP 1363664 A2	26-11-2003
			EP 1420815 A2	26-05-2004
			HR 20040218 A2	31-08-2004
			HU 0400669 A2	28-01-2005
			JP 2004529881 T	30-09-2004
			JP 2004538332 T	24-12-2004
			NZ 527720 A	24-03-2005
			US 2002119162 A1	29-08-2002
			US 2003157117 A1	21-08-2003
			US 2004191264 A1	30-09-2004
-----				
WO 0211759	A	14-02-2002	FR 2812813 A1	15-02-2002
			AU 8412201 A	18-02-2002
			CA 2418899 A1	14-02-2002
			EP 1309343 A1	14-05-2003
			WO 0211759 A1	14-02-2002
			US 2004028647 A1	12-02-2004
-----				
JP 08225462	A	03-09-1996	NONE	
-----				
JP 09316000	A	09-12-1997	NONE	
-----				
WO 8607383	A	18-12-1986	AU 5993186 A	07-01-1987
			CN 86103836 A	08-07-1987
			DK 58887 A	03-04-1987
			EP 0224574 A1	10-06-1987
			ES 8801127 A1	01-03-1988
			JP 62503073 T	10-12-1987
			WO 8607383 A1	18-12-1986
-----				